

Water Resources Engineer-in-Training

Edmonton, AB

About the Opportunity

Our growing Edmonton office is looking to add a passionate Engineer-in-Training (EIT) to our Water Resources Practice to deliver great service to our Municipal and Indigenous clients across Central and Northern Alberta. Life in a growing professional practice is never boring; we work hard, tackle tough problems, value our team, and are driven by our purpose to help build vibrant communities.

In this role, you will benefit from the support of industry professionals while working on exciting and results-oriented projects that make a visible difference in the communities that we serve. Coupled with the unmatched learning and project experience opportunities, some of your key responsibilities would include:

- Honing your civil engineering skills and developing an understanding of technical best practices in real-world applications.
- Utilizing relevant guidelines and standards to guide water, wastewater and stormwater infrastructure design.
- Conducting hydrologic and hydraulic analyses and modelling for water, wastewater, stormwater management systems and rivers and creeks.
- Designing potable water infrastructure, including pressurized pipe networks and facilities (e.g., process piping and pump design).
- Designing wastewater conveyance infrastructure, including gravity and pressurized networks, force mains, and pumping facilities such as lift stations.
- Designing stormwater infrastructure, including overland and piped drainage systems and stormwater management facilities (e.g., dry ponds, wet ponds, constructed wetlands and Low Impact Development techniques).
- Develop flood inundation and flood hazard mapping and conduct a variety of river engineering designs (e.g., erosion protection, flood mitigation).
- Technical writing to document design assumptions, methodologies, and findings, clearly conveying the implications of the design to the client.

In addition to becoming part of the Water Practice team, you will remain an integral part of the overall Edmonton Engineering Team, for which you will be expected to:

- Apply theory and provide workable solutions related to the design and implementation of horizontal infrastructure for Municipalities and Indigenous Communities.
- Act as the clients' representative on-site during construction to gather information, conduct inspections and ensure designs are built to specifications.
- Build and grow relationships with existing project leaders and clients.
- Communicate professionally and proactively with contractors, co-workers, clients, and the general public.

- Provide accurate and timely input on technical reports, plans, studies, proposals, and oral presentations as required.

About You

This opportunity is well suited to graduates from a civil or environmental engineering degree program who are eligible for registration with APEGA. Summer jobs, co-op work experience, or a few years in the industry are all considered assets. In addition, the following attributes would be considered a benefit to this role:

- Eager to work on water resources related projects.
- A keen interest in working with Local Municipalities, Indigenous Communities, and Land Developers across Alberta.
- An interest in a wide range of civil infrastructure design and construction projects.
- Effective communication skills (technical, written and verbal), and enjoyment in collaborating with others.
- Ability to be engaged on multiple projects, prioritize work and meet timelines, and generally thrive in a self-directed work environment.
- Driven with a desire to take the initiative; a problem solver that continually delivers consistent, high-quality work.
- Commitment to ongoing personal and professional development.
- Hold a valid Class 5 driver's license.

The opportunity to work remotely and from home does exist, although, from time to time, we may need assistance with client work or face-to-face meetings. Therefore, the individual would need to reside in the Edmonton area.

About Us

At Urban Systems, vibrant communities are everything—including our own work community. Since 1975, we have grown to more than 600 people with 18 offices across Canada. Every day, our purpose-driven team works closely with our clients and their communities to deliver impactful work. We are proud to work with diverse clients, including Indigenous communities, all levels of government, commercial and residential land developers, and the natural resource sector.

We care for our communities and for our people. It's our differences that make us exciting, and our shared belief in Urban Systems that binds us together. We're searching for the creative and passionate and the curious and courageous to join us in creating meaningful and generational change in communities.

Our Commitment to You

Are you just getting started in your career? You're in the right place! Join our purpose driven team today to build your career and be part of our mission to build vibrant communities across Canada. Here's what you can expect as a part of the Urban Systems team:

- **Learn and Grow.** Drive and grow your career with Urban Systems! You are encouraged to take initiative and shape your career through coaching, in-house learning, technical courses, and more.
- **Competitive Compensation.** Your skills and contributions are valued. You'll receive competitive compensation, extended health, dental, vision care coverage and more.
- **Paid Time Off.** We encourage all team members to take time off to recharge and spend time with loved ones. Enjoy 3 weeks of paid vacation to start, in addition to statutory days off throughout the year.
- **Flexible Hours & Work Environment.** You have a life outside of work! We offer flexibility in your work schedule and work environment to help you do your best work and meet your commitments.
- **Work with Inter-Disciplinary Teams.** Amazing things happen when you mix creativity, curiosity, teamwork, and a strong desire to collaborate and innovate. You will be part of diverse, inter-disciplinary teams to deliver important work for our clients and their communities.
- **You're in Good Company.** Build relationships with a dynamic, accountable, and engaged team fueled by our shared purpose. Every branch facilitates connection with a series of events. Did someone say donut days, lunch & learns, team competitions, and more?!
- **Beautiful Office.** Do your best work in our downtown Edmonton office space designed with your needs in mind. Across Urban, each of our 15 offices has its own unique personality and design.
- **Create Lasting Community Impact.** 98% of Urban Systems employees believe that the work we do is important. Join a team of like-minded leaders and work together to bring to life impactful community projects.

How to Apply

If this describes your background, skills and attributes, please visit our website for more information and submit your resume and cover letter. If it doesn't describe you exactly, but you feel you are well suited to this opportunity, we encourage you to apply.

Urban Systems is an equal opportunity employer. We strive to create an inclusive culture for all employees. Our clients come from all walks of life, and so do you. We believe that diversity and unity amongst our teams leads to building vibrant communities.

Deadline for applications: **Monday, February 13th at 10:00 am MST.**